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PATENT ABSTRACTS OF JAPAN

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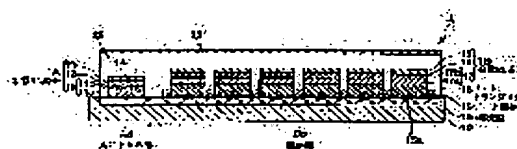
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(54) DISPLAY ELEMENT, MANUFACTURE OF DISPLAY ELEMENT AND METHOD FOR DRIVING DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To manufacture a display element large in pixel opening ratio and without causing crosstalk, and to provide a driving method therefor.

SOLUTION: An organic EL panel 1 is divided into an optical address part Ad and a display part Dp. A substrate 10 is provided with a light guide 10a having a different refractive index. The organic EL element 1A of the optical address part Ad is selectively made to emit light. The emitted light is made incident on a photo transistor 16 of the display part Dp through the light guide 10a in each line. When the light from the light guide 10a is made incident on the base of the photo transistor 16, a current is made to flow through the collector-emitter according to a voltage between the collector and emitter (a voltage according to a voltage substantially impressed across data electrodes 15 and 19). Thus, the organic EL element 1B of the display part Dp emits light with brightness corresponding to an image data to be displayed.



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